



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Thursday, March 14, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **A few strong storms possible in NE LA this morning, primary threat will be damaging winds. Otherwise, no significant weather impacts are expected.**

Friday – Monday

- **No significant weather impacts expected.**

River Flooding

- **Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in E AR/E LA.**
- **The MS Flooding is slightly higher than 2016 & 1997.**
- **Minor rises with minimal impacts along area rivers in E TX and OK.**

FEMA Region 6 Threat Matrix

Mar 14, 2019 – Mar 18, 2019



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| DAY / THREAT | THU | FRI | SAT | SUN | MON |
|--------------------------------|------------------------------|-----------|-----------|-----------|-----------|
| Severe Storms | NE LA (through 12 pm CDT) | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Winter Weather | | | | | |
| Strong Winds | | | | | |
| Fire Weather | South-Central TX | | | | |
| River Flooding | E AR/E LA NETX/OK | E AR/E LA | E AR/E LA | E AR/E LA | E AR/E LA |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

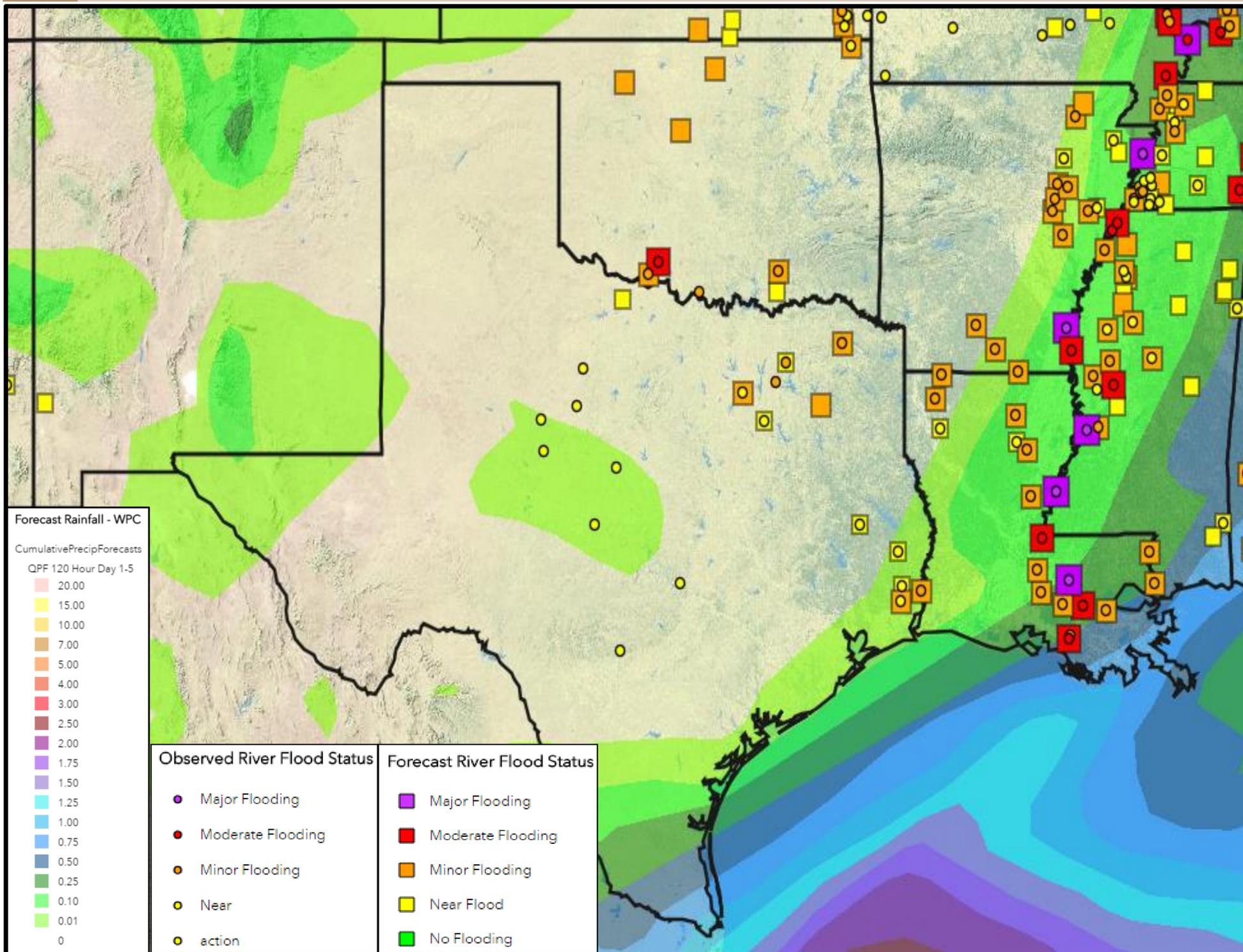
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major flooding will continue this week on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997.

Arkansas

- All rivers have crested and are beginning to recede.
- Mississippi River at Osceola and near Arkansas City remain at major flood, but have all crested.
- Mississippi River near Greenville, MS is in moderate stage, and is beginning to recede.

Louisiana

- MS River at Baton Rouge is at Major flood. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.
- MS River at Vicksburg and Natchez are at major flood stage with homes and roads impacted.

Texas/Oklahoma

- Some minor rises on area rivers.
- Very minor impact on the East Cache Creek near Walters, OK – some flooding on low-lying rural roads, pastures, and croplands.

Today's Weather

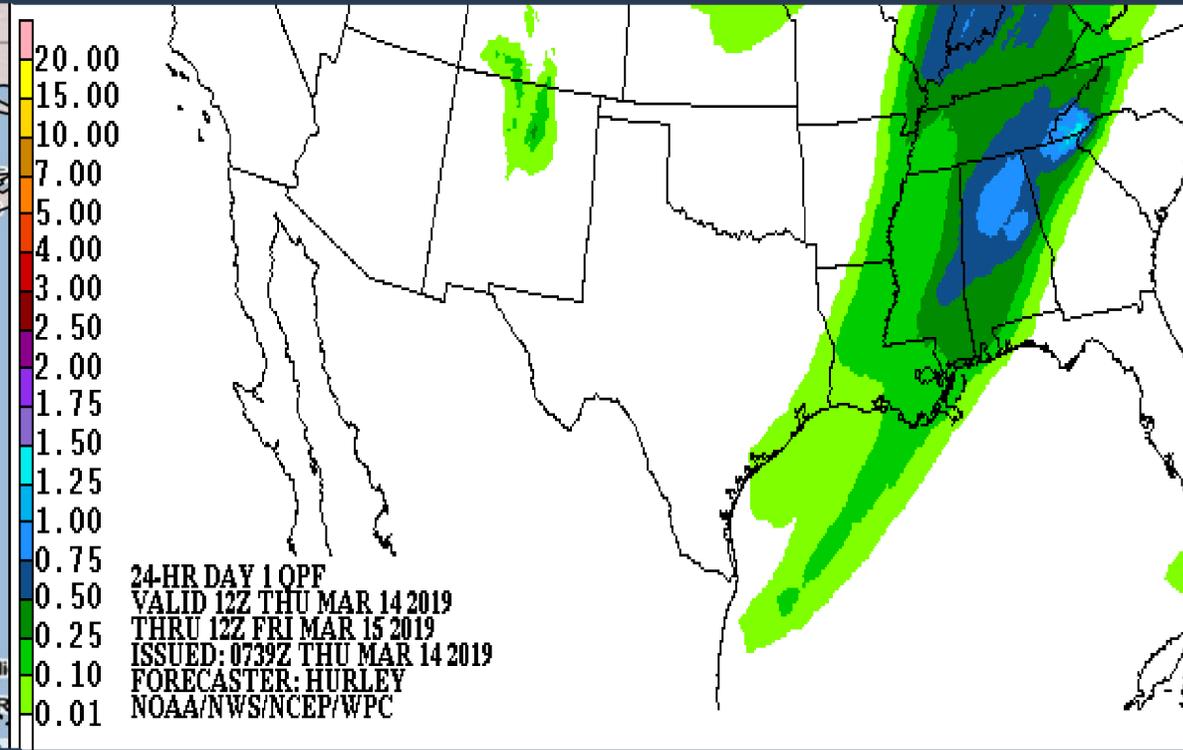
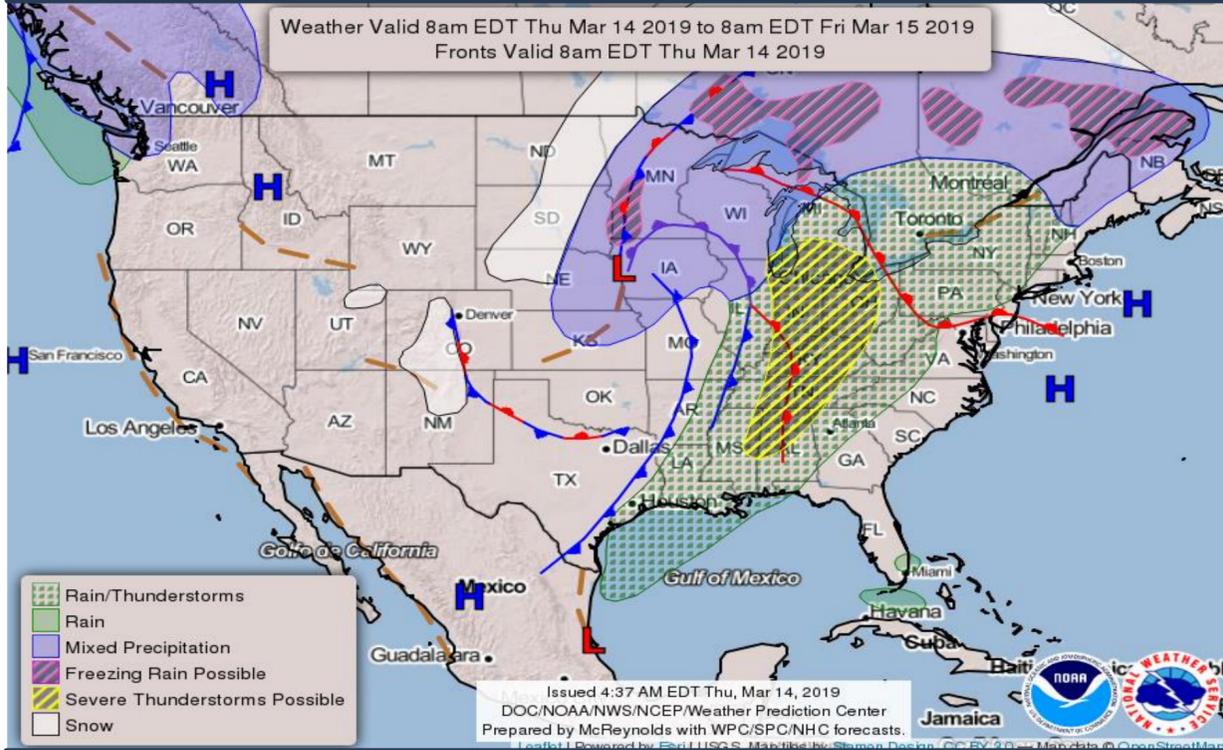


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Forecast Chart

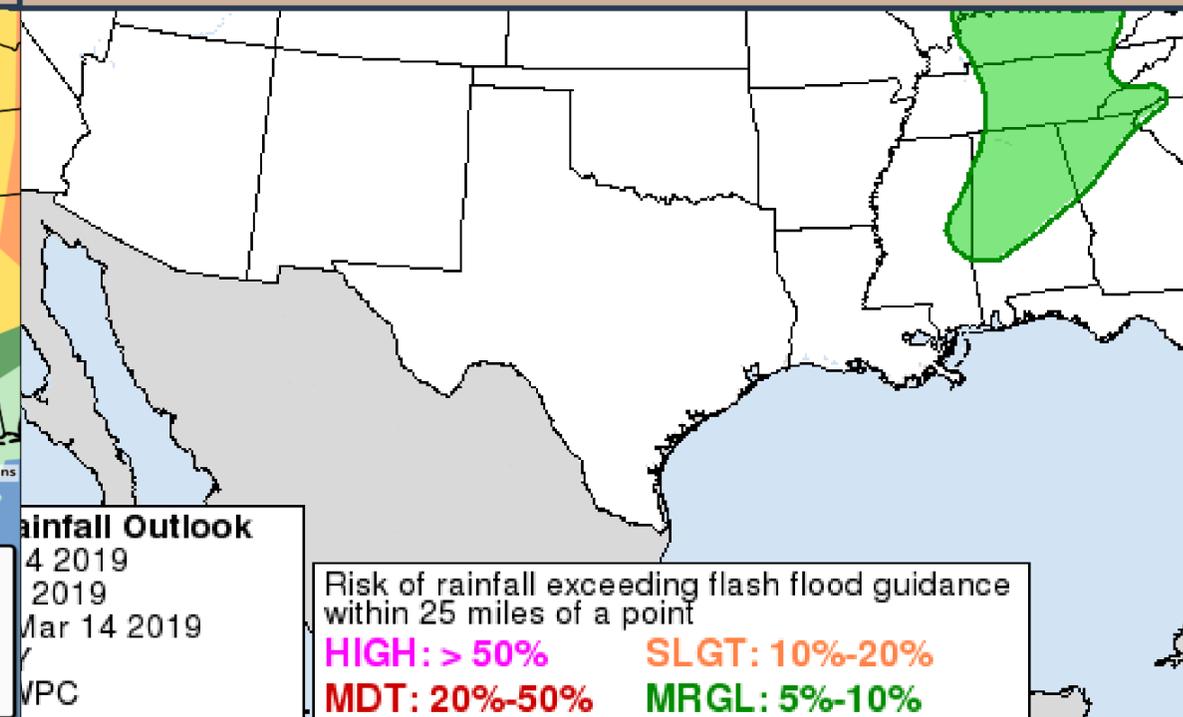
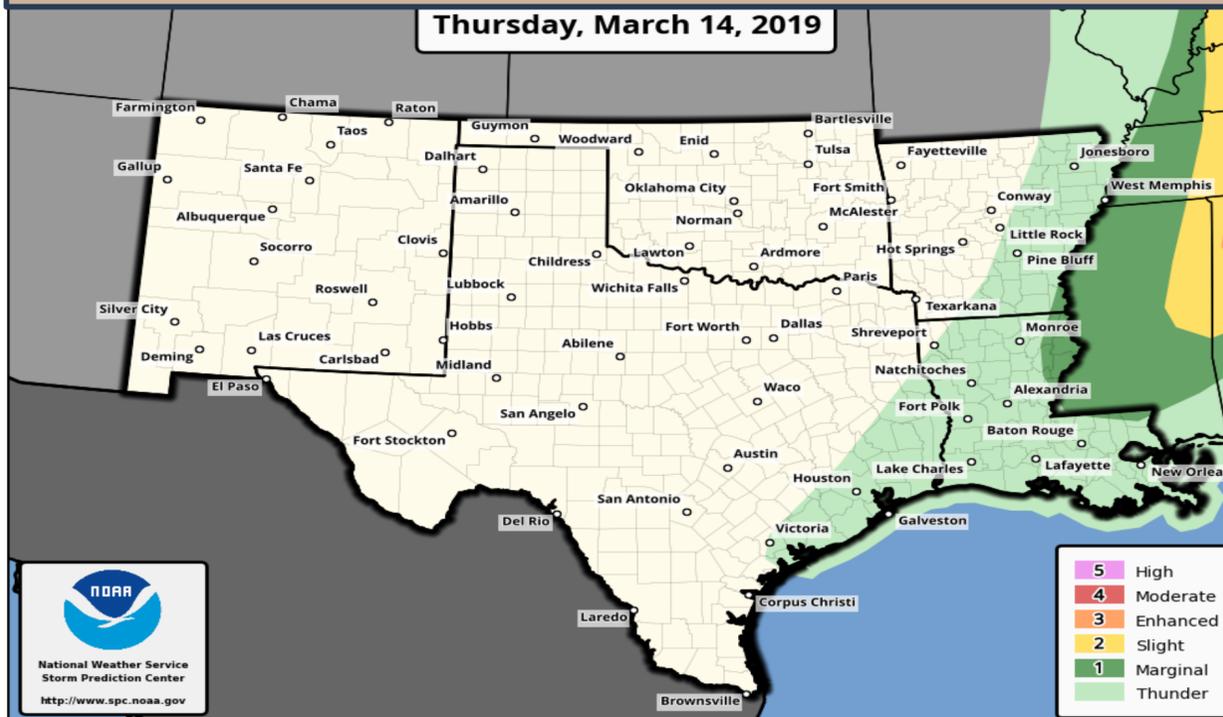
Forecast Rainfall

A few strong storms possible in NE LA this morning.



Severe Weather Outlook

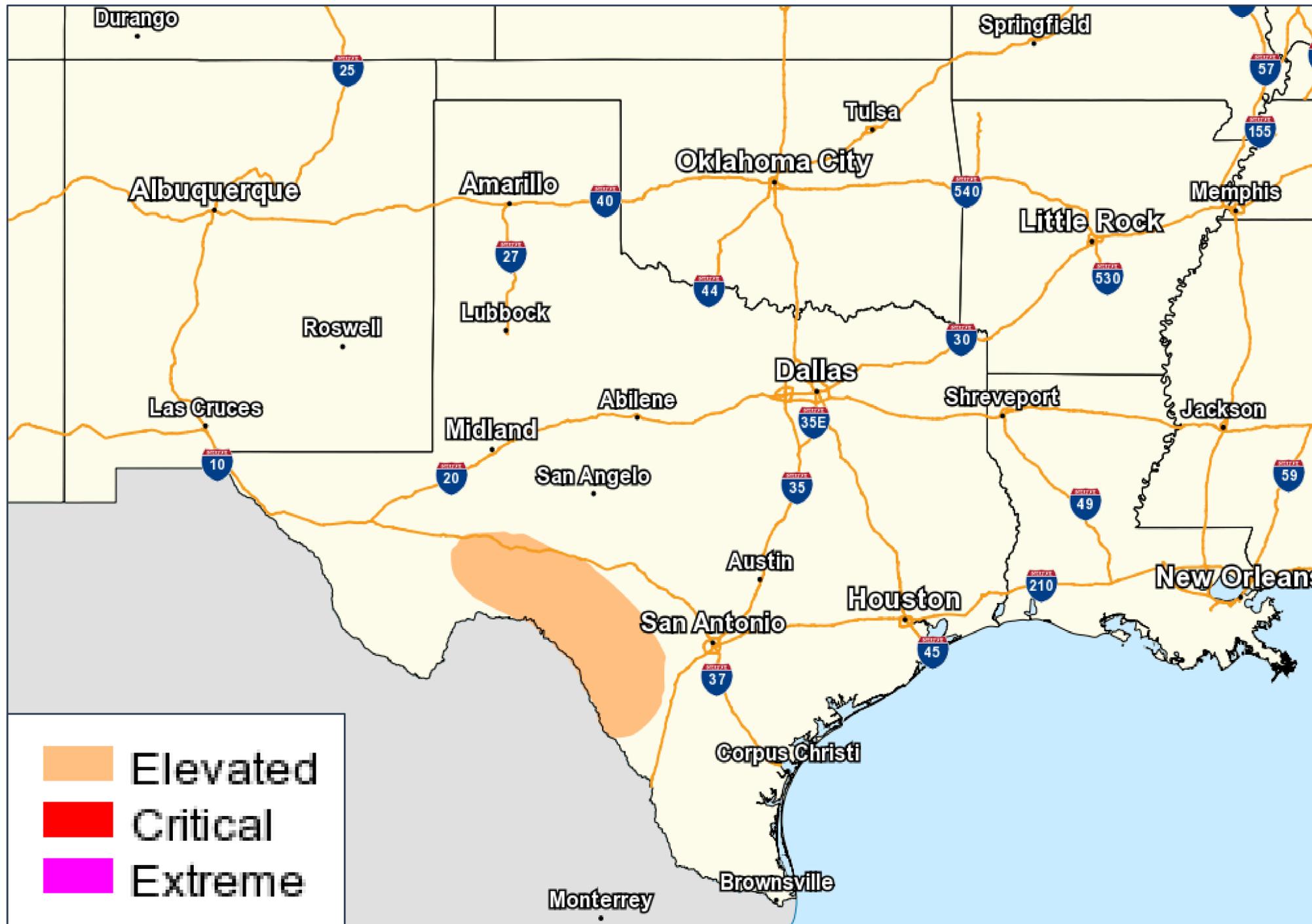
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Elevated fire weather conditions possible from the Big Bend to south of the Edwards Plateau in TX.

Watches, Warnings, and Advisories



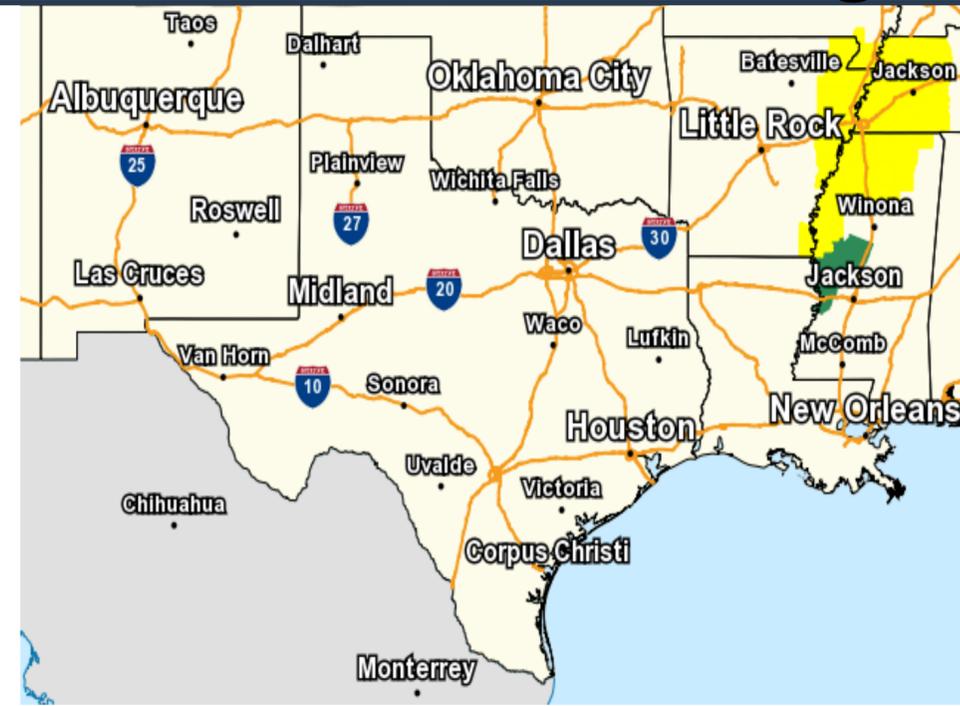
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Fire Weather



Graphic Created

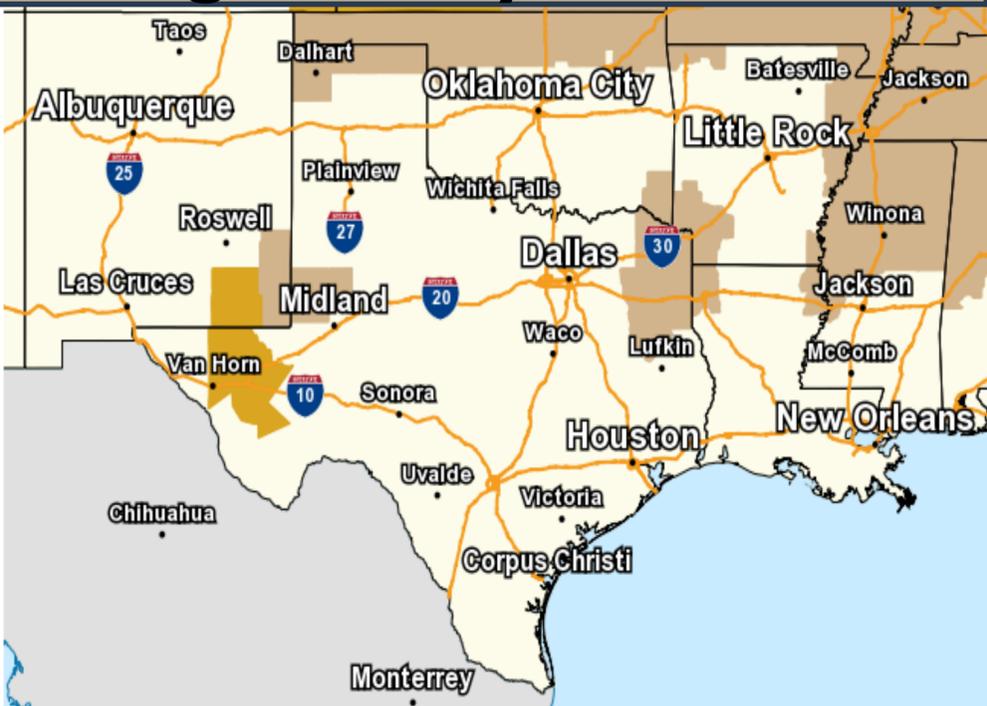
Severe Weather & Flooding



Graphic Created

No significant weather impacts expected.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

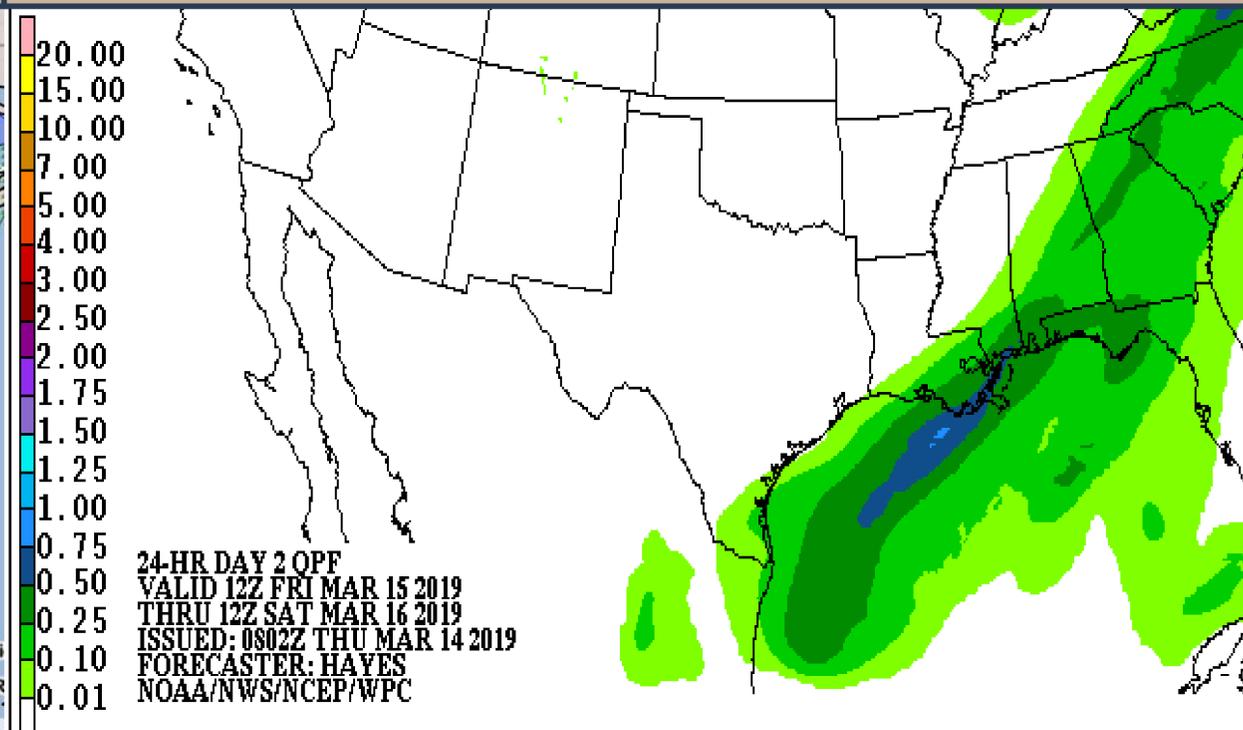
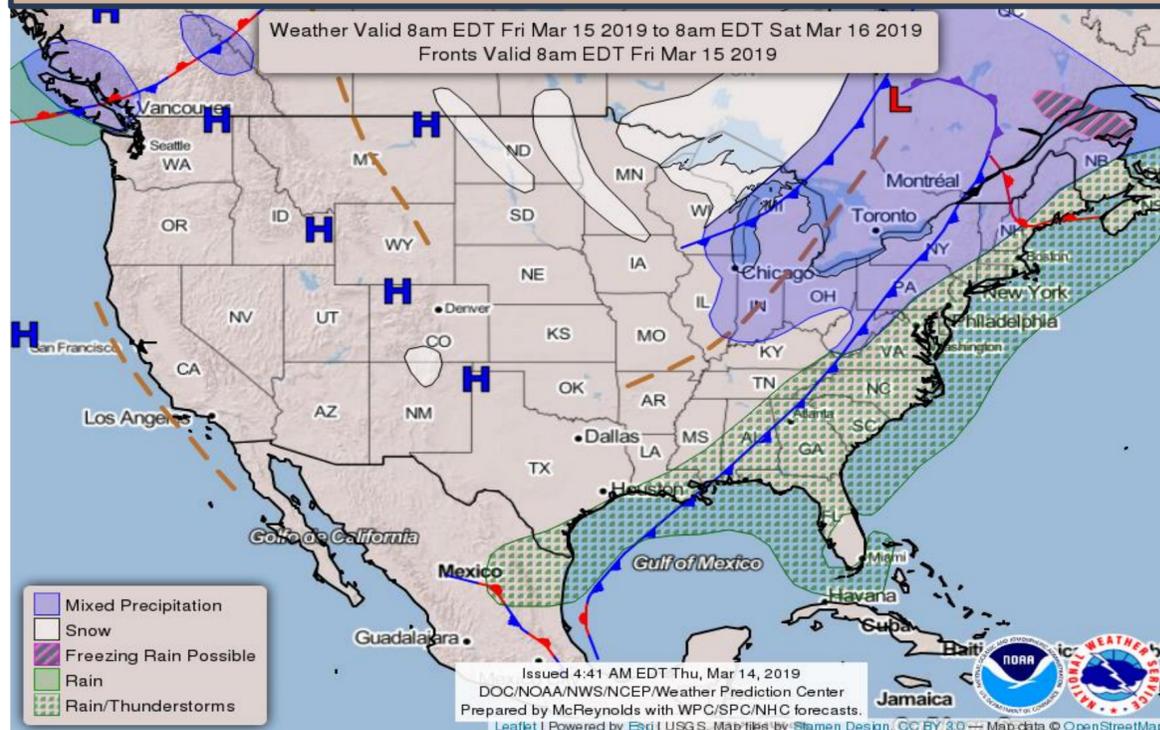


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Forecast Chart

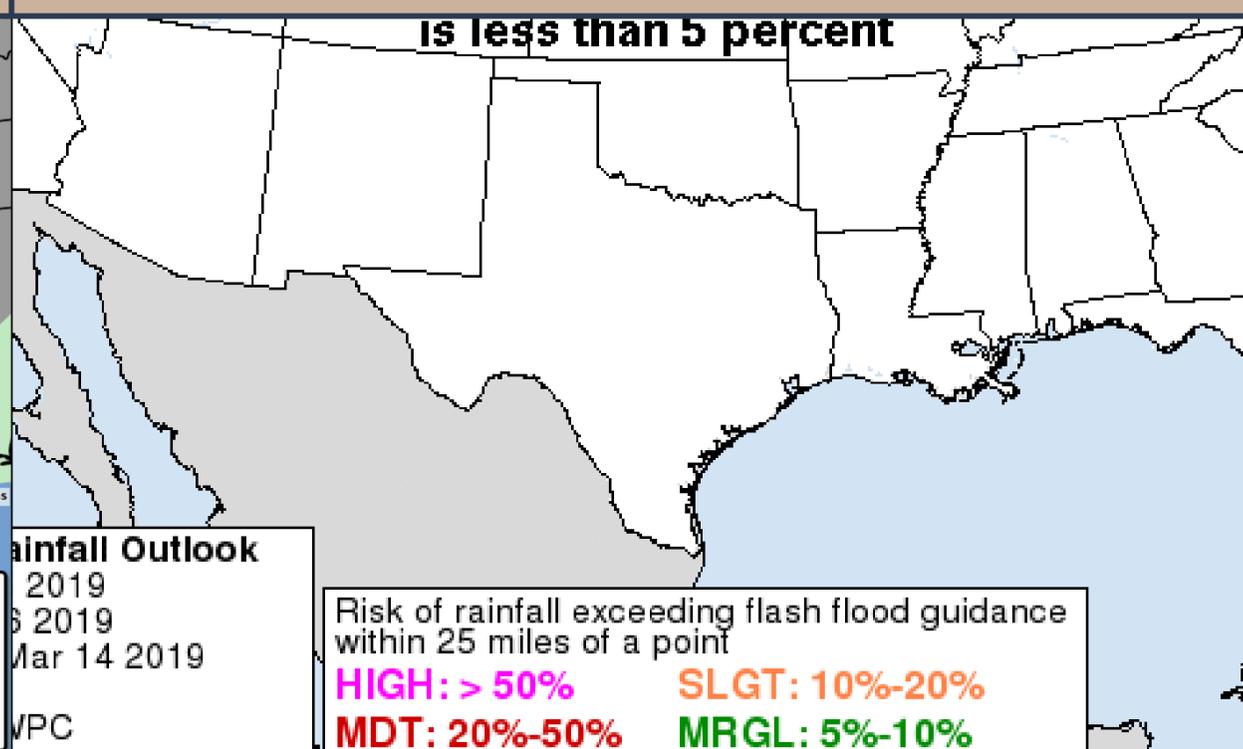
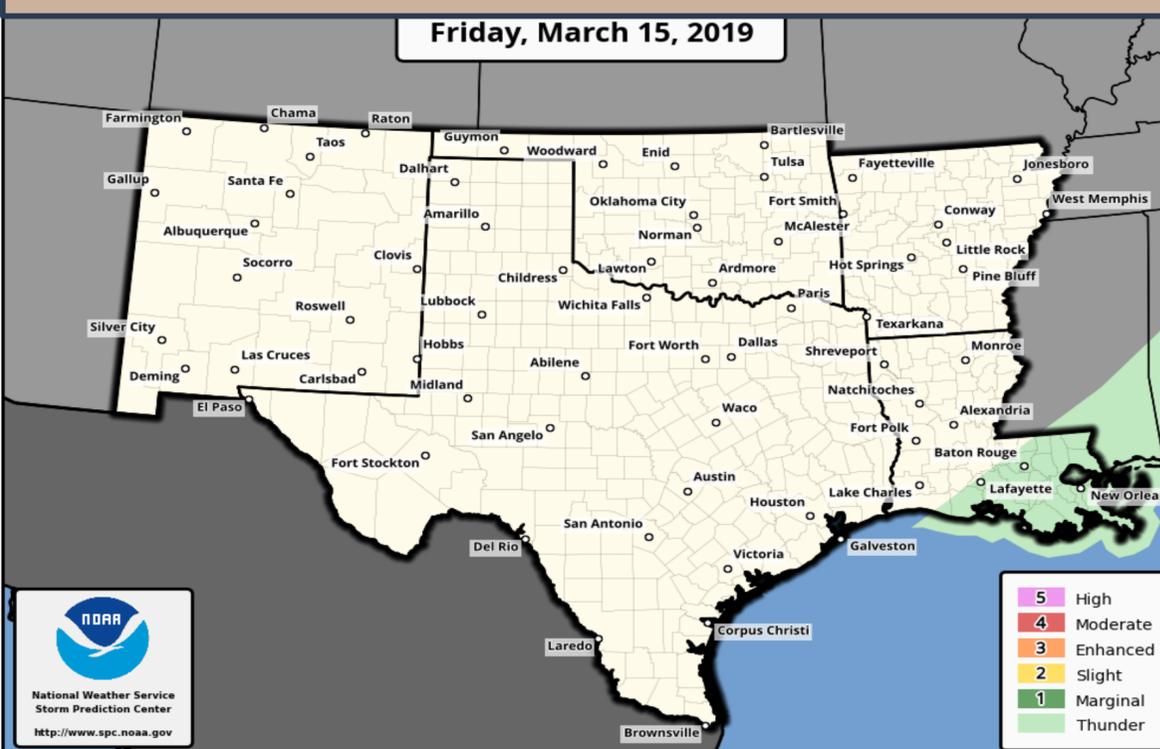
Forecast Rainfall

No significant weather impacts expected.



Severe Weather Outlook

Excessive Rainfall Outlook



Saturday's Weather

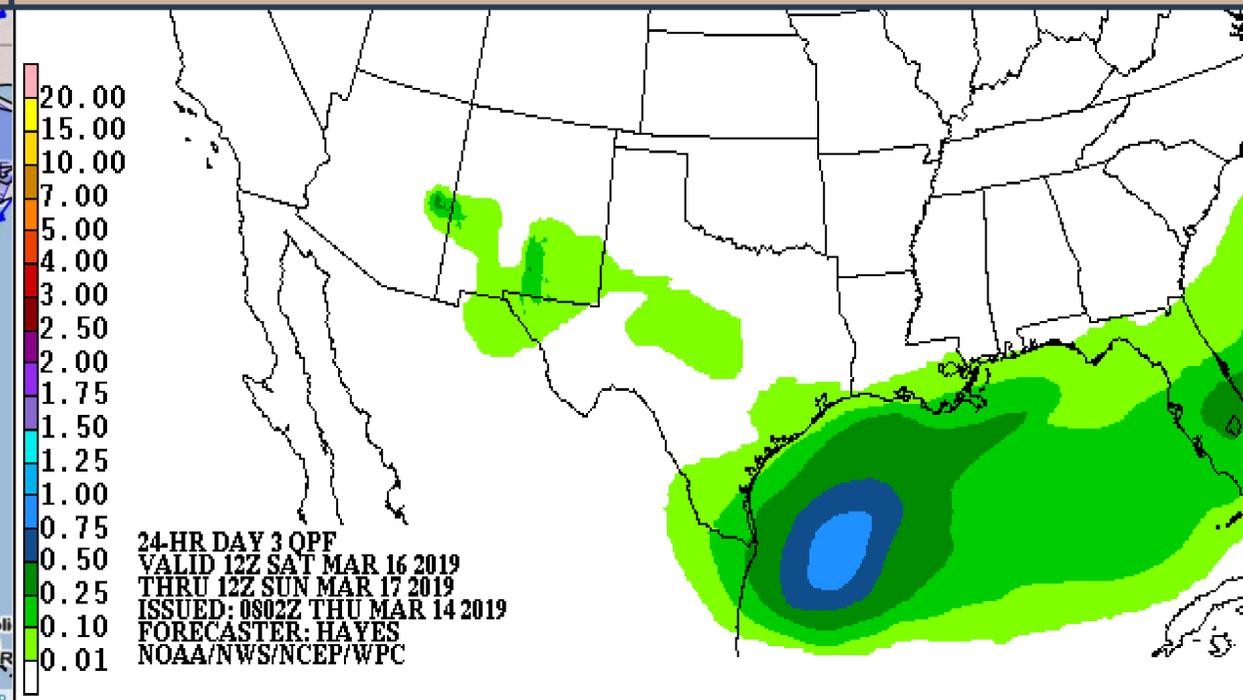
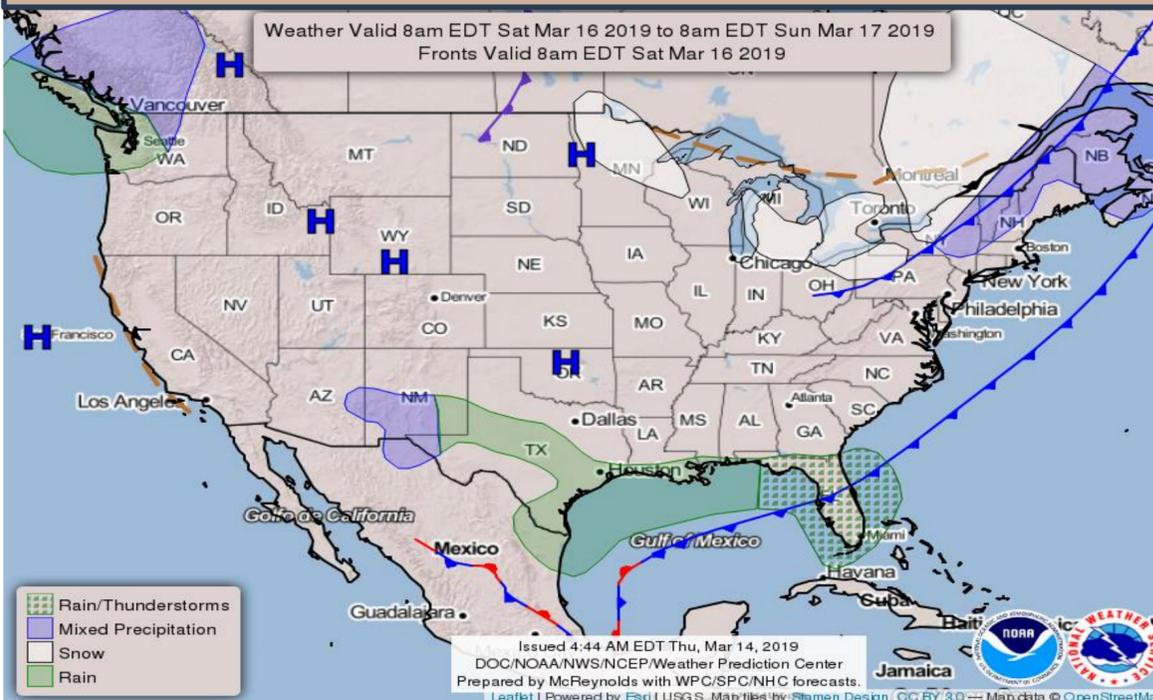


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Forecast Chart

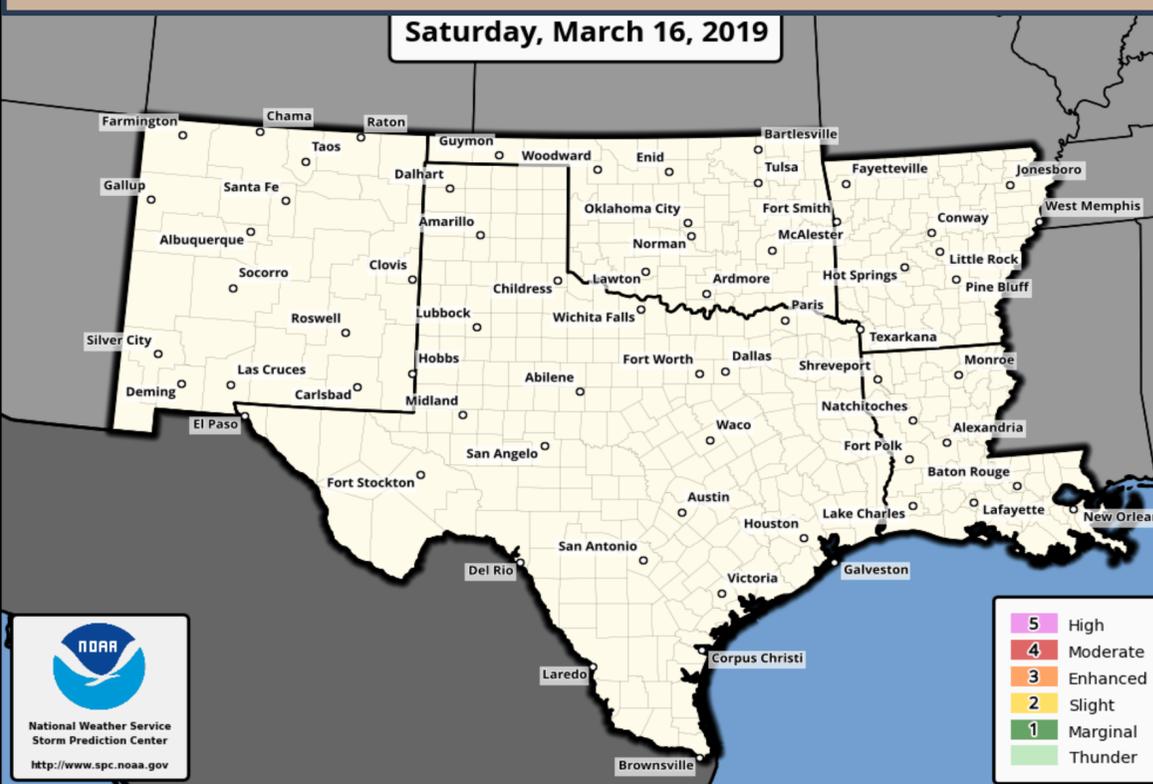
Forecast Rainfall

No significant weather impacts expected.



Severe Weather Outlook

Excessive Rainfall Outlook

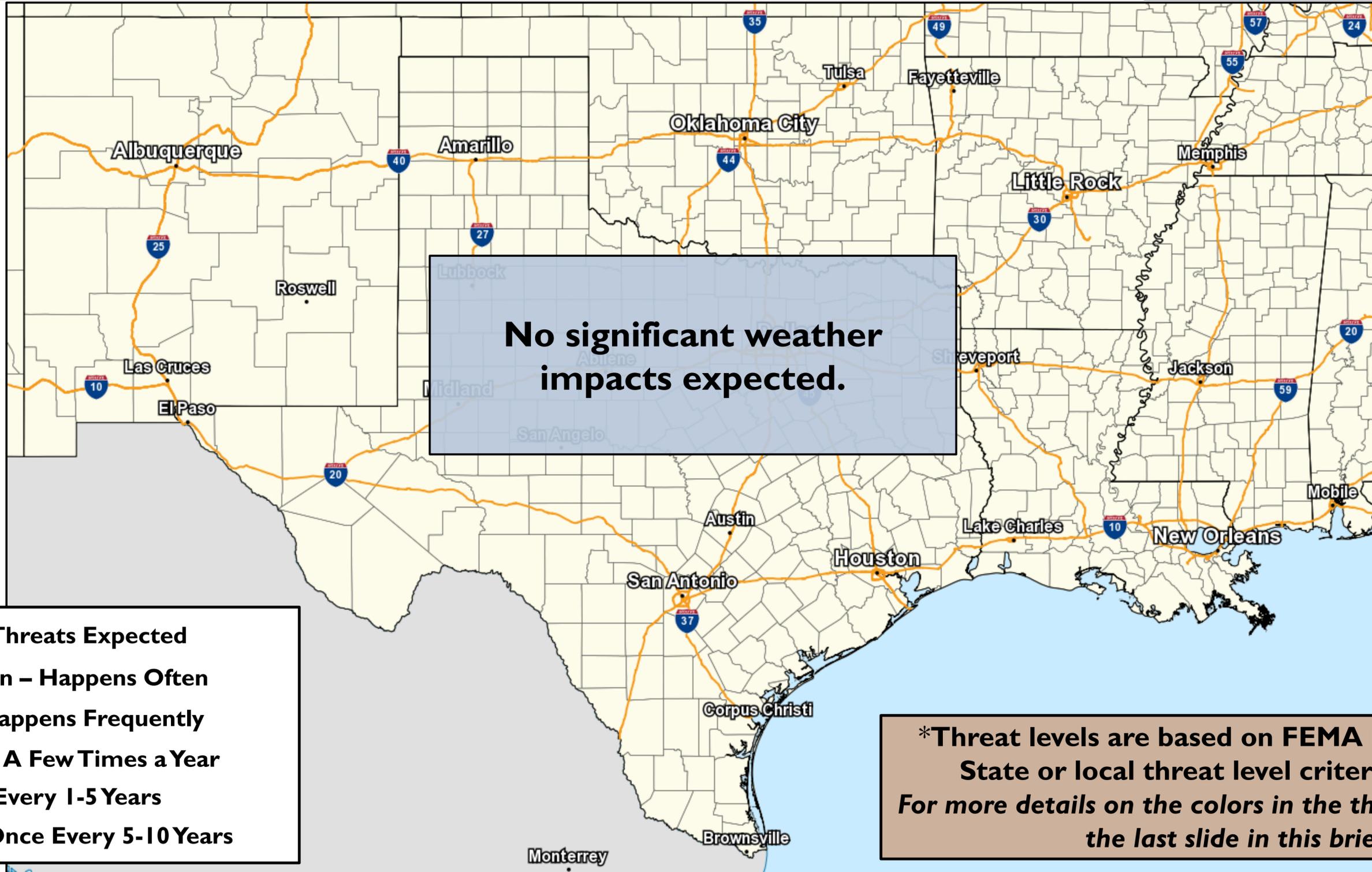


Days 4-5 Weather Hazards

Sunday – Monday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

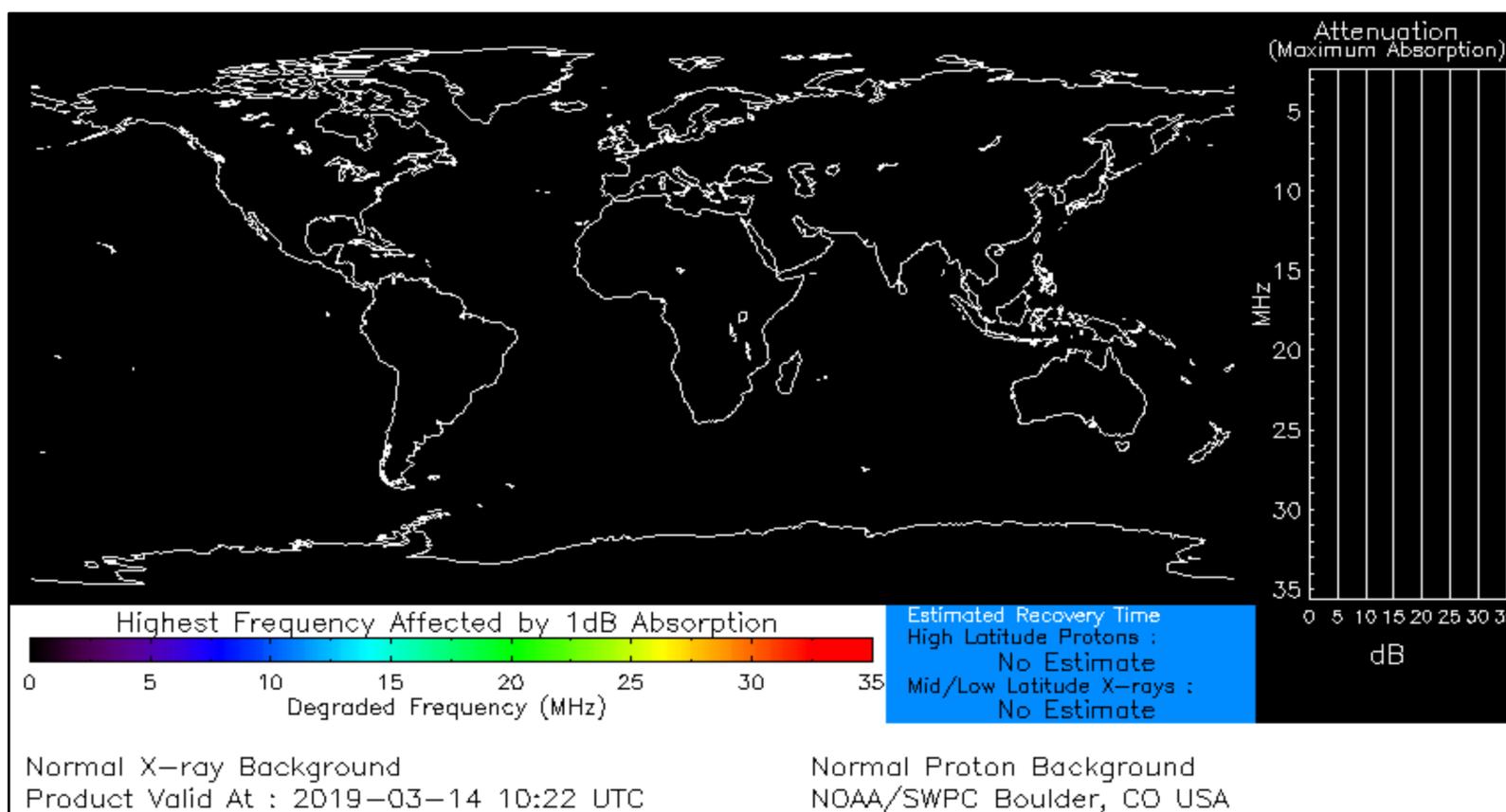
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.
For more details on the colors in the threat matrix refer to the last slide in this briefing.

Space Weather 3-Day Forecast



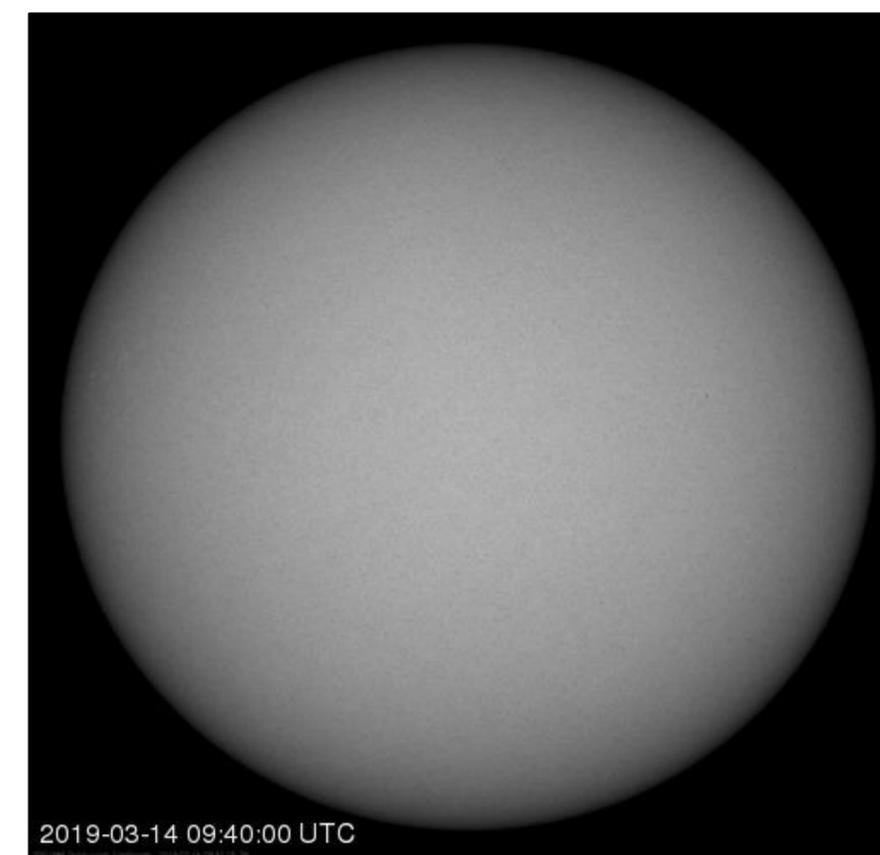
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| | Thursday | Friday | Saturday |
|--------------------------------------|--|---|-----------------------------------|
| Geomagnetic Storms | Quiet to Unsettled (Max Kp = 3) | Unsettled to Active (Max Kp = 4) | Unsettled (Max Kp = 3) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather "Threat" Matrix

| Color | Definition | Criteria | Example(s) |
|--------|--|---|--|
| Green | <p style="text-align: center;">Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p> | <p>Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p> | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | <p style="text-align: center;">Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p> | <p>Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p> | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| Orange | <p style="text-align: center;">Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p> | <p>Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p> | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | <p style="text-align: center;">Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p> | <p>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p> | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | <p style="text-align: center;">Very Rare – Once Every 5-10 Years</p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p> | <p>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p> | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.